

**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) An improved agricultural soil heating process using a plastic film characterized in that the plastic film ~~or sheet is~~ consists essentially of an aromatic thermoplastic polyurethane film or sheet.
2. (currently amended) The improved process according to Claim 1 where the thickness of the aromatic thermoplastic polyurethane film ~~or sheet is~~ from about 20 to about 150 microns.
3. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane comprises~~ ing a polyether type of soft segment.
4. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane comprises~~ ing a polyester type of soft segment.
5. (original) The improved process according to Claim 1 where the agricultural soil heating process is solar soil sterilization.
6. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane comprises~~ ing a hard segment content of at least 30 percent by weight.
7. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane comprises~~ ing a hard segment content of at least 40 percent by weight.
8. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane has~~ ing a Shore A hardness of at least 80

9. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane~~ has ving a Shore A hardness of at least 85.

10. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane~~ has ving a Shore A hardness of at least 90.

11. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane~~ has ving a Shore D hardness of not more than 75.

12. (currently amended) The improved process according to Claim 1 where the aromatic thermoplastic polyurethane used to prepare the film ~~or sheet is an aromatic thermoplastic polyurethane~~ has ving a glass transition temperature ( $T_g$ ) of less than 25°C.

13. (canceled).